

APR/FY06

**OREGON ARMY NATIONAL
GUARD**

Army Defense Environmental
Restoration Program
Installation Action Plan

Final 14 July 2006

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Statement of Purpose

The purpose of the Installation Action Plan (IAP) is to outline the total multi-year Cleanup Program for an installation. The plan identifies environmental cleanup requirements at each site or area of concern, and proposes a comprehensive, installation-wide approach, with associated costs and schedules, to conduct investigations, necessary remedial actions.

In an effort to coordinate planning information between the U.S. Army Environmental --- Center (USAEC), Oregon ARNG, NGB, executing agencies, regulatory agencies, and the public, an IAP was completed. The IAP is used to track requirements, schedules, and tentative budgets for all major Army installation cleanup programs.

All site-specific funding and schedule information has been prepared according to projected overall Army funding levels and is, therefore, subject to change.

The following persons contributed to the formulation and completion of this Installation Action Plan during a planning workshop held on 28 April 2006:

US Army Environmental Center
EEI for AEC
National Guard Bureau
Oregon ARNG

Acronyms & Abbreviations

AEC	Army Environmental Center
AEDB-CC	Army Environmental Database, Compliance Clean-Up
AEDB-R	Army Environmental Database, Restoration
AST	Aboveground Storage Tank
BLM	Bureau of Land Management
CAP	Corrective Action Plan
CERCLA	Comprehensive Environmental Response Compensation and Liability Act (1980)
COC	Contaminants of Concern
CRP	Community Relations Plan
CTC	Cost-to-Complete
cy	cubic yards
DA	Department of Army
DERP	Defense Environmental Restoration Program
DD	Decision Document
EEI	Engineering & Environmental Incorporated
EPA	Environmental Protection Agency
FFA	Federal Facility Agreement
FFSRA	Federal Facility Site Remediation Agreement
FS	Feasibility Study
ft	foot
ft²	square feet
FY	Fiscal Year
gal	gallon
GW	Groundwater
HRS	Hazard Ranking System
HRR	Historical Records Review
IAP	Installation Action Plan
IRA	Interim Remedial Action
IRP	Installation Restoration Program
K	\$1,000
LTM	Long-term Management
LTO	Long-term Operation
MCL	Maximum Contaminant Level
MW	Monitoring Well
NE	Not Evaluated
NFA	No Further Action
NGB	National Guard Bureau
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
OB/OD	Open Burning/Open Detonation
ODEQ	Oregon Department of Environmental Quality
OU	Operable Unit
PA	Preliminary Assessment
PP	Proposed Plan

Acronyms & Abbreviations

PY	prior year
RA	Remedial Action
RA(O)	Remedial Action - Operation
RC	Response Complete
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
REM	Removal Action
RFA	RCRA Facility Assessment
RI	Remedial Investigation
RIP	Remedy in Place
ROD	Record of Decision
SI	Site Inspection
SVOC	Semi-Volatile Organic Compounds
SWMU	Solid Waste Management Unit
USACE	United States Army Corps of Engineers
USACHPPM	United States Army Center for Health Promotion and Preventive Medicine (formerly USAEHA)
USAEC	United States Army Environmental Center
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
yr	year

Installation Information

Installation Locale: The ORARNG designates the state of Oregon as one installation. ORARNG MMRP sites include Transferred Range #1 (BTC-001-R-01) and Transferred Range #2 (BTC-002-R-01) at the BIAK Training Center in Redmond, Oregon.

Installation Mission: The ORARNG mission is to provide the citizens of the State of Oregon and the United States with a ready force of citizen soldiers, equipped and trained to respond to any contingency, natural or man-made.

Lead Organization:

National Guard Bureau

Leading Executing Agencies:

Oregon Army National Guard

Regulatory Participation:

State: ODEQ.

National Priorities List (NPL) Status: Not on NPL

Installation Restoration Advisory Board (RAB)/Technical Review Committee (TRC)/Technical Assistance for Public Participation (TAPP) Status: Transferred Ranges 1 and 2 are owned by the BLM. The ORARNG participated with BLM in a public scoping and review process resulting in development and issuance of the Upper Deschutes Resource Management Plan and Environmental Impact Statement (UDRMP-EIS). As owner of the ranges, BLM will be an active participating stakeholder in planning the range remediation activities.

Installation Program Summaries

IRP

There are no IRP sites at the ORARNG.

MMRP

Primary Contaminants of Concern: Propellants, Metals

Affected Media of Concern: Soil, Ground water

Estimated Date for RIP/RC: 2009

Funding to date (up to FY05): \$ 0K

Current year funding (FY06): \$ 0K

Cost-to-Complete (2007+): \$434K

BRAC

There are no BRAC Sites

Cleanup Program Summary

Installation Historic Activity

No historic cleanup activity has occurred at the MMRP sites.

Current Activity: An RI/FS including a Historical Records Review (HRR) developed by AEC is planned in FY08.

Program Progress: In FY04, CTC estimates and phase schedules were produced by AEC.

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Military Munitions Response Program

Total AEDB-R MMRP Sites/AEDB-R sites with Response Complete: 2/0

AEDB-R Site Types

2 Multi-use ranges

Most Widespread Contaminants of Concern: Propellants, Metals

Media of Concern: Soil, Ground water

Completed REM/IRA/RA: 0

Total MMRP Funding

Prior years (up to FY05):	\$ 0K
Current Year (FY06):	\$ 0K
Future Requirements (FY07+):	\$ 434K
Total:	\$ 434K

Duration of MMRP

Year of MMRP Inception: 2002

Year of MMRP RIP/RC: 2008

Year of MMRP Completion Including LTM: 2008

MMRP Contamination Assessment

MMRP Contamination Assessment Overview

The phase III Army Range Inventory Report was completed in July 2003. The inventory identified 2 sites at the Biak Training Center as eligible for the MMRP. However, these sites have been identified as potential FUDS sites. These sites are identified as 2 multi-use ranges. The Phase III inventory serves as a PA under CERCLA.

MMRP Cleanup Exit Strategy

An RI/FS and HRR is scheduled for FY08.

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Military Munitions Response Program Site Descriptions

BTC-001-R-01

TRANSFERRED RANGE #1

SITE DESCRIPTION

This 861.48 acre former range is located to the southeast of the current installation, on property that was leased from the BLM from approximately 1960 through 1980. The ORARNG never owned this land.

This range was used by the ORARNG to train troops on tracked and wheeled all-terrain vehicles and for infantry field training exercises consisting of land navigation, bivouacking, and temporary construction of fortifications and defensive positions. Training on the property involved the use of smoke grenades, artillery simulators and ground and aerial flares. No live firing was conducted on this range. This property is controlled and owned by BLM, currently undeveloped, and is fenced. No UXO removal has taken place at this range.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: NE

CONTAMINANTS OF CONCERN:
Propellants, Metals

MEDIA OF CONCERN: Soil,
Ground water

PHASES	Start	End
PA	200212.....	200310
SI.....	200710.....	200809

RC: 200809

CLEANUP STRATEGY

An RI/FS and HRR have been developed for this facility by AEC.

BTC-002-R-01 TRANSFERRED RANGE #2

SITE DESCRIPTION

This 115.34 acre former range is located to the east of the current installation, on property that was leased from the BLM from approximately 1960 through 1980. The ORARNG never owned this land. This range was used by the ORARNG to train troops on tracked and wheeled all-terrain vehicles and for infantry field training exercises consisting of land navigation, bivouacking, and temporary construction of fortifications and defensive positions. Training on the property involved the use of smoke grenades, artillery simulators and ground and aerial flares. No live firing was conducted on this range. This property is controlled and owned by BLM, is subject to grazing under allotments issued by BLM, and is fenced. No UXO removal has taken place at this range.

STATUS

REGULATORY DRIVER: CERCLA

RRSE: NE

CONTAMINANTS OF CONCERN:
Propellants, Metals

MEDIA OF CONCERN: Soil,
Ground water

PHASES	Start	End
PA	200212	200310
SI	200710	200809

RC: 200809

CLEANUP STRATEGY

An RI/FS and HRR have been developed for this facility by AEC.

Initiation of MMRP: 2002

Past Phase Completion Milestones

PA completed 2002

Projected ROD/DD Approval Dates: None

Projected Construction Completion: 2008

Schedule for Five Year Reviews: Unknown

Estimated Completion Date of MMRP including LTM: 2008

OREGON ARNG MMRP Schedule

(Based on current funding constraints)

AEDB-R#	Phase	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15+
BTC-00-R-01	SI									
BTC-00-R-02	SI									

MMRP Costs

Prior Years Funds

Total Funding up to FY05: \$ 0K

Current Year Requirements

Year	Site Information	Expenditures	FY Total
FY06			

Total Funding FY06: \$ 0

Total Future Requirements: \$ 434K

Total MMR Program Cost (from inception to completion of the MMRP): \$ 434K

As part of continuing resource management activities at BIAK Training Center, ORARNG and BLM have participated in a public scoping and review process that included Transferred Ranges #1 and #2. This process resulted in development and issuance of the Upper Deschutes Resource Management Plan and Environmental Impact Statement (UDRMP-EIS).